

In the specification

The paragraph beginning at page 13, line 5, is amended to read as follows:

In one embodiment, the priority classification of a request can be Low (represented by "1"), Medium (represented by "2"), and High (represented by "3").

Alternatively, more classification levels can be used to classify a request. In one embodiment, the tag that contains the priority classification information of the request is ~~encode the tag in~~ encoded into the parameters of the request. In another embodiment, the tag can be placed in a cookie which is then attached to the request. The following shows an exemplary access request that contains the tag.

`http://spacepg1/cgibin/oexpress/bw_login.jsp?BVSessionID=@@@1234_BVSessionStart
s9103435656@@&BV_EngineID=ccca234545&BVSessionLastAccess=95667778&HP
WebQoSClass=3.`

The paragraph beginning at page 14, line 13, is mended to read as follows:

There are many ways to determine the session information of an access request. In one embodiment, the request processor 32 can extract the session information of the request from a cookie set within the request. The session information is extracted from the cookie. In another embodiment, the request processor 32 parses the request to determine if the request contains a tag. If so, the request is regarded as ~~belongs~~ belonging to an existing session. If the request does not contain any tag, then it is regarded as ~~for~~ a new session request.

The paragraph beginning at page 15, line 22, is mended to read as follows:

This back-end classification means that when the requesting client system generates the first request for a session or transaction, the request does not contain any tag. When the first request is serviced by the data service system 30, the application system 35 of the data service system 30 starts the session or transaction requested. The application system 35 then determines the classification of the transaction (i.e., whether the transaction has a low, medium, or high scheduling priority). The application system 35 employs business rules stored in it to make the classification. For example, if the

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business rules categorize the transaction as a very important transaction, the application system 35 can-classifies the transaction as high priority transaction and generates the tag that contains the high priority classification information. The tag is then attached to the response to the first request and is-sent back to the requesting client that generates generated the first access request. When sending the subsequent requests for the same session or transaction, the requesting client attaches the tag to these subsequent requests for the same session or transaction. In one embodiment, the application system 35 also re-categorizes the classification when the subsequent requests are received and updates the tag if the classification for this transaction changes.
